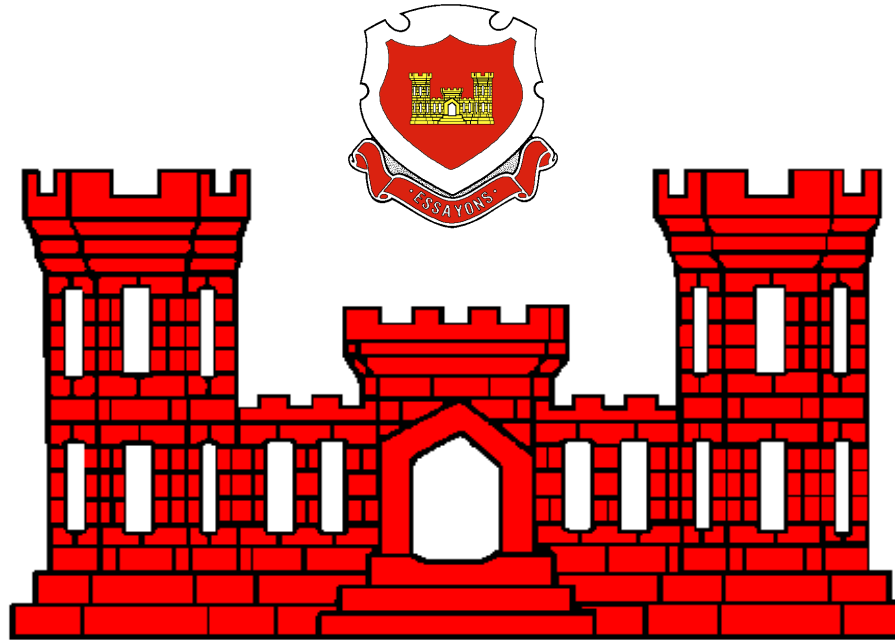


# **PROPONENT GUIDANCE FOR THE U.S. ARMY ENGINEER REGIMENT**



**CENTRALIZED SELECTION BOARD FOR FY 06  
SERGEANT FIRST CLASS**



# ENGINEER REGIMENT MISSION

US Army Engineer Regiment designs, trains, and develops the full-spectrum Engineer Force to provide Combat Engineering, General Engineering, Geospatial (Topographic) Engineering, and Environmental Integration to support the force across the spectrum of military operations.

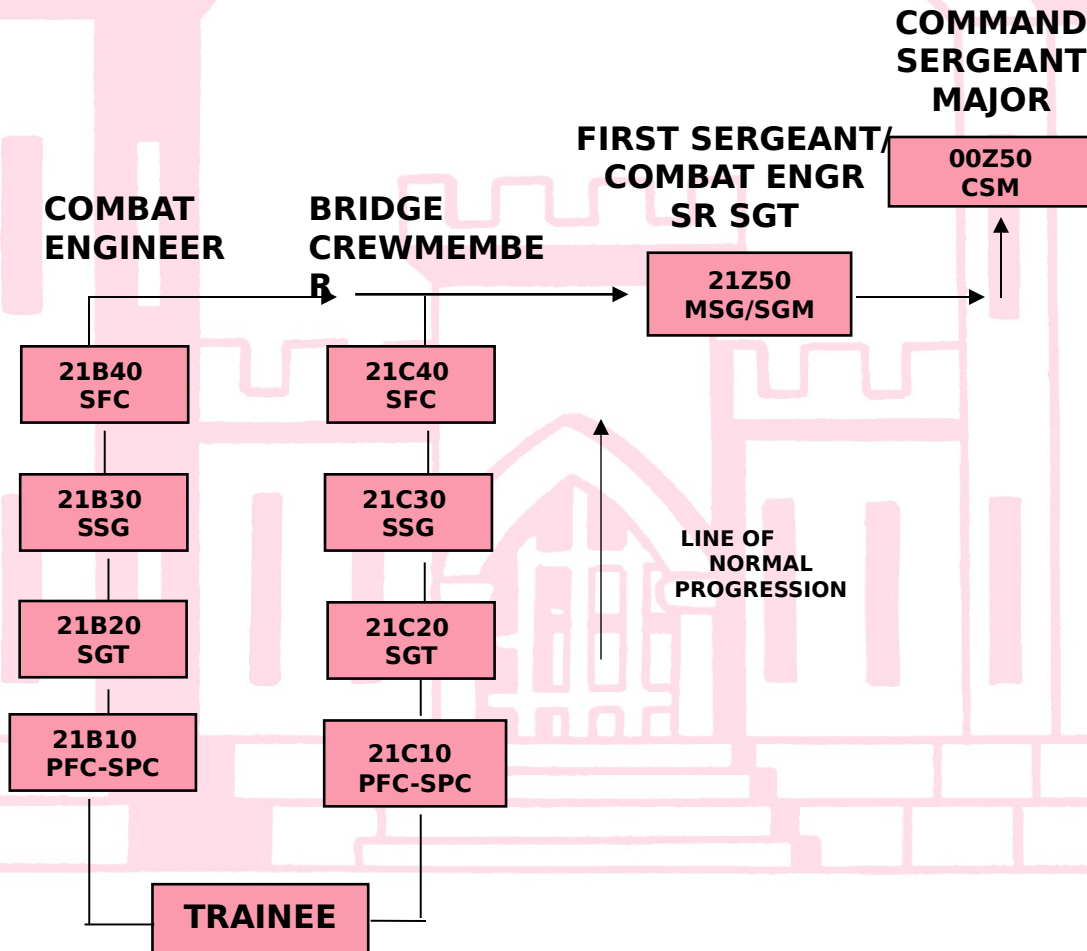


# **COMBAT ENGINEERING CHARACTERISTICS**

- **Contains 3 MOSs; 21B Combat Engineer, 21C Bridge Crewmember and 21Z Combat Engineering Senior Sergeant.**
- **Great opportunities for key leadership positions; Squad Leader and Section Leader in a variety of assignments, which include the BCT's, Stryker Brigade Combat Team, and the Mine Dog Detachment (MDD).**
- **Wide variety of assignments; Drill Sergeant, Observer Controller (CTC), Sapper Leader Course Instructor, Urban Mobility Breacher Course (UMBC) Instructor, PLDC and BNCOC Small Group Leader, and Explosive Ordnance Clearing Agent (EOCA).**
- **MOS 21B Soldiers plan and supervise Mine Warfare, Demolition, and Combat Construction Operations.**
- **MOS 21C Soldiers plan and supervise the Construction of Float**



# COMBAT ENGINEERING CAREER PROGRESSION CHART





# COMBAT ENGINEERING TYPICAL CAREER PATTERNS



## **LEADERSHIP**

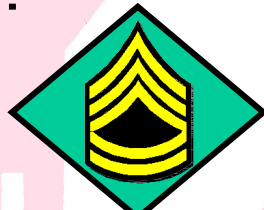
Squad Leader  
Section Leader  
Drill Sgt  
SGL  
Recruiter

## **STAFF**

Construction  
Foreman  
Operations Sgt  
Bridge Inspector

## **SPECIAL**

AC/RC  
Instructor /Writer  
Combat Dev/Tng  
Dev



## **LEADERSHIP**

PSG  
Detachment Sgt  
SR Drill Sgt  
SGL

## **STAFF**

Career Management NCO  
Operations Sgt  
Combat Eng NCO  
Battalion Master Gunner

## **SPECIAL**

Sapper Instructor  
O/C  
AC/RC  
Platoon Trainer  
Instructor/Writer  
Combat Dev/Tng Dev  
EQ Advisor/IG



## **LEADERSHIP**

1SG  
Branch Chief  
Chief, Drill Sgt School

## **STAFF**

SR Career Management  
NCO  
SR Eng NCO  
Operations Sgt

## **SPECIAL**

SR Career Advisor  
SR Military Science Inst  
SR Eng Company O/C  
SR Eng NCO  
EO Advisor



## **LEADERSHIP**

BN CSM  
GRP CSM  
BDE CSM  
REGT CSM

## **STAFF**

Proponency SGM  
Operations SGM

## **SPECIAL**

Directorate SGMs  
(USAES)  
Regimental CSM

**Bolded are nominated positions**



# COMBAT ENGINEERING NCO CAREER DEVELOPMENT MODEL

## TITLE OF CAREER MANAGEMENT FIELD: COMBAT ENGINEER

YEARS OF SVC	7-9		10-15		16-19	20-30
RANK	STAFF SERGEANT		SERGEANT FIRST CLASS		FIRST SERGEANT MASTER SERGEANT	SERGEANT MAJOR COMMAND SERGEANT MAJOR
DUTY ASSIGNMENTS	SQUAD LEADER DRILL SERGEANT SECTION LEADER RECON SGT		PLATOON SERGEANT INTEL SERGEANT OPERATIONS SERGEANT		FIRST SERGEANT CONSTRUCTION FOREMAN MASTER GUNNER SR MASTER INSTRUCTOR	SGM CSM
INSTITUTIONAL TRAINING	BNCOC		ANCOC			SMC/CSMC
RECOMMENDED	PRIOR TO BNCOC		PRIOR TO ANCOC		PRIOR TO SMC	
NCOES-RELATED COURSES	English Composition, Personnel Supervision, Behavioral Science, Math, Stress Management		Principles of Management, Information Sys Mgt, Technical Writing			Research Techniques (Statistics), Human Resource Management, Problem Solving
RECOMMENDED READING LEVEL	12	12	12	12	12+	12+
WRITING STANDARD	Achieve writing Std	Achieve writing Std	Achieve writing Std	Achieve writing Std	Achieve writing Std	Achieve writing Std
RECOMMENDED FUNCTIONAL COURSES				BATTLE STAFF NCO COURSE		
				1SG COURSE		
RECOMMENDED CMF-RELATED COURSES AND ACTIVITIES	SKILL LEVEL 3		SKILL LEVEL 4			SKILL LEVEL 5
	General and Construction Engineering Demolition Operations Principles of Instruction Structural Theory/Analysis Quality Control Comp Tech in Bldg Tech		Continue Courses in Construction Engineering Engineer Management System Analysis Counseling Organizational Management			Courses in Engineering Tech/Mgt Leadership/Mgt Problem Solving Organizational Effectiveness Quality Control Mgt Environmental Engineering
RECOMMENDED CMF-RELATED CERTIFICATION OR DEGREE GOAL	NATIONAL TRADE/PROFESSIONAL CERTIFICATE IN:					
	Carpentry, Electrical, Plumbing, Structural Steel Construction Equipment Operation					
	By 10-14 Year of Service				By 15-18 Year of Service	
	AA/AS in: Engineering Technology: General Studies				BA/BS in: Engineering Management; Business Management: Construction Management	





# MOS 21B COMBAT ENGINEER

## MAJOR DUTIES / ADDITIONAL SKILL

**MAJOR DUTIES (ASI)**  
Major Duties: Combat Engineers supervise, serve, or assist as a member of a team, squad, section, or platoon. They are engaged in providing combat engineering support to combat forces. Supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Tasks, supervises, and instructs squad and section personnel. Directs utilization and maintenance of vehicles and equipment. Provides unit and job site security. Prepares and issues an oral squad operation order. Conducts the maneuver of a squad in a patrol. Directs minefield installation, removal, and submits minefield reports. Conducts breaching operations. Collects data and calculates the requirement for explosives and related material. Directs construction of combat bunkers, shelters, and non-explosive anti-vehicular obstacles and expedient lifting devices. Conducts ground reconnaissance for roads, routes, bridges, tunnels, fords, and ferries. Prepares a demolition and reconnaissance report. Directs assembly of various military bridges.

<b>J3</b> <u>BRADLEY FIGHTING VEHICLE MASTER GUNNER</u>	<b>E8</b> <u>EXPLOSIVE ORDNANCE CLEARANCE AGENT</u>	
<b>P5</b> <u>MASTER BUSINESS TRAINER</u> ▪ <b>SSG - SGM</b> ▪ OPEN TO ANY MOS	<b>D3</b> <u>BRADLEY FIGHTING VEHICLE OPERATION &amp; MAINT.</u> <b>B6</b> <u>CBVT - SSG</u> ▪ <b>PVT - SSG</b>	<b>K9</b> <u>MINE AND SPECIAL SEARCH DOG HANDLER.</u>
<b>2S</b> <u>BATTLE STAFF OPERATIONS</u> ▪ <b>SSG - SGM</b> ▪ OPEN TO ANY MOS		<b>2C</b> <u>JAVELIN GUNNERY</u> ▪ <b>PVT - SSG</b>
<b>2B</b> <u>AIR ASSAULT</u> ▪ <b>PVT-SGM</b>	<b>8P</b> <u>COMPETITIVE PARACHUTIST</u> ▪ <b>SGT-SFC</b>	<b>5W</b> <u>JUMPMaster</u> ▪ <b>SGT-SGM</b>



# MOS 21B COMBAT ENGINEER

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

- ◆ SQUAD LEADER
- SECTION LEADER

### ARMY-WIDE KEY LEADERSHIP

- SAPPER SCHOOL INSTRUCTOR
- NCOES SMALL GROUP LEADER
- OBSERVER CONTROLLER / TRAINER
- DRILL SERGEANT
- RECRUITER

### CAREER ENHANCEMENT

- Instructor / Writer
- Operations Sergeant
- Intelligence Sergeant
- Combat Development NCO
- Training Developer / Writer
- Combat Engineer NCO
- AC/RC

◆ = LEADERSHIP  
POSITIONS





# MOS 21B COMBAT ENGINEER

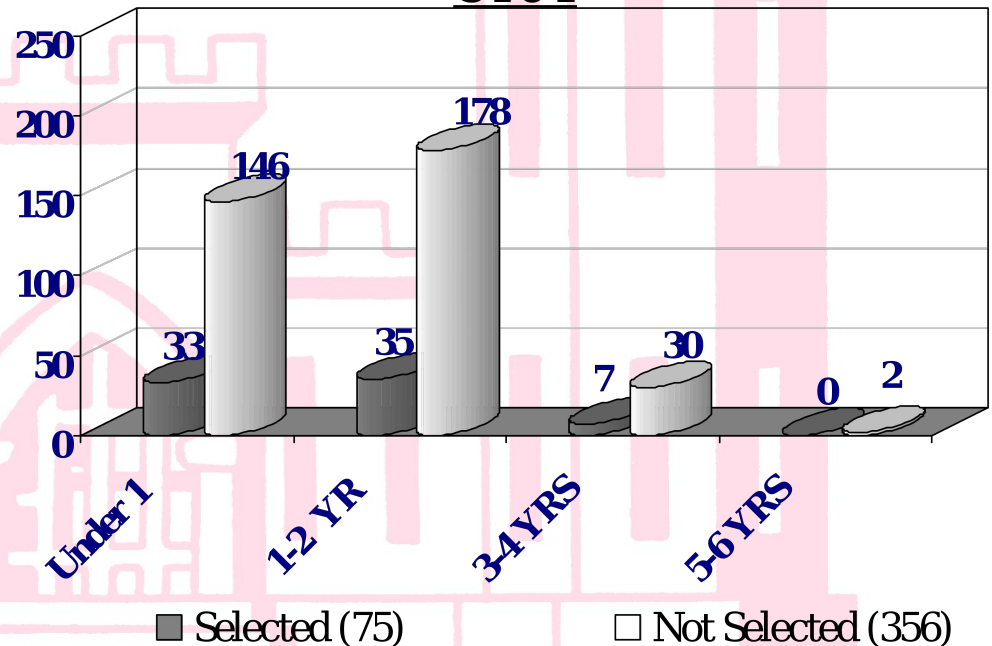
## MILITARY / CIVILIAN

### EDUCATION LEVEL

#### MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- AIRBORNE
- AIR ASSAULT
- JUMPMaster
- INSTRUCTOR TRAINING COURSE
- URBAN MOBILITY BREACHER COURSE
- MASTER FITNESS TRAINER
- BRADLEY FIGHTING VEHICLE OPERATION & MAINT
- DRILL SERGEANT
- RECRUITER

#### CIVILIAN EDUCATION DEMOGRAPHICS CY04



FROM CY04 SFC PROMOTION LIST



# 21B ASSIGNMENT OPPORTUNITIES

<u>LEADERSHIP AUTH/TDA</u> <u>AUTHS/TOE</u>	<u>TOTAL AUTH</u>	<u>LEADERSHIP</u>
<u>149 / 370 (40.3%)</u> <u>429 / 791 (54.2%)</u>		<u>1161</u>

## KEY LEADERSHIP (24 MONTHS)

**SQUAD LEADER**  
**379**

**SECTION LEADER**  
**53**

**DRILL SERGEANT** **81**

**OBSERVER CONTROLLER / TRAINER** **44**

**NCOES SMALL GROUP LEADER** **10**

**SAPPER SCHOOL INSTRUCTOR** **11**

**TOTAL** **578**



# MOS 21C BRIDGE CREWMEMBER

## MAJOR DUTIES / ADDITIONAL SKILL IDENTIFIER (ASI)

**Major duties.** Bridge crewmembers command, serve, or assist as a member of a squad, section or platoon. They provide conventional and powered bridge and rafting support for wet and dry gap crossing operations. Supervises personnel in the installation and removal of a hasty protective minefield. Collects data and calculates the demolition requirement for explosives and related materials. Conducts road, tunnel, ford, and bridge reconnaissance. Directs the off-loading and assembly of float and fixed bridges. Performs float and fixed bridge site layout. Supervises installation of an overhead cable anchorage system.

### ASIs

#### **P5** MASTER FITNESS TRAINER

- **SSG - SGM**
- Open to any MOS

#### **2B** AIR ASSAULT

- **PVT-SGM**\_\_\_\_\_

#### **8P** COMPETITIVE PARACHUTIST

- **SGT-SFC**

#### **2S** BATTLE STAFF OPERATIONS

- **SSG - SGM**
- Open to any MOS

#### **5W** JUMPMASTER

- **SGT-SGM**



# **MOS 21C BRIDGE CREWMEMBER**

## **Key Leadership / Career Enhancement Positions**

### **KEY LEADERSHIP**

#### **◆ SECTION LEADER**

### **ARMY-WIDE KEY LEADERSHIP**

- ▣ NCOES SMALL GROUP LEADER**
- ▣ OBSERVER CONTROLLER / TRAINER**
- ▣ DRILL SERGEANT**
- ▣ RECRUITER**

### **CAREER ENHANCEMENT**

- **Instructor / Writer**
- **Training Developer / Writer**
- **Training Management NCO**
- **Operations Sergeant**
- **Combat Developer NCO**
- **Company TAC NCO**
- **TNG Systems / Evaluations NCO**
- **Platoon Trainer**
- **AC/RC**

**▣ = LEADERSHIP POSITIONS**

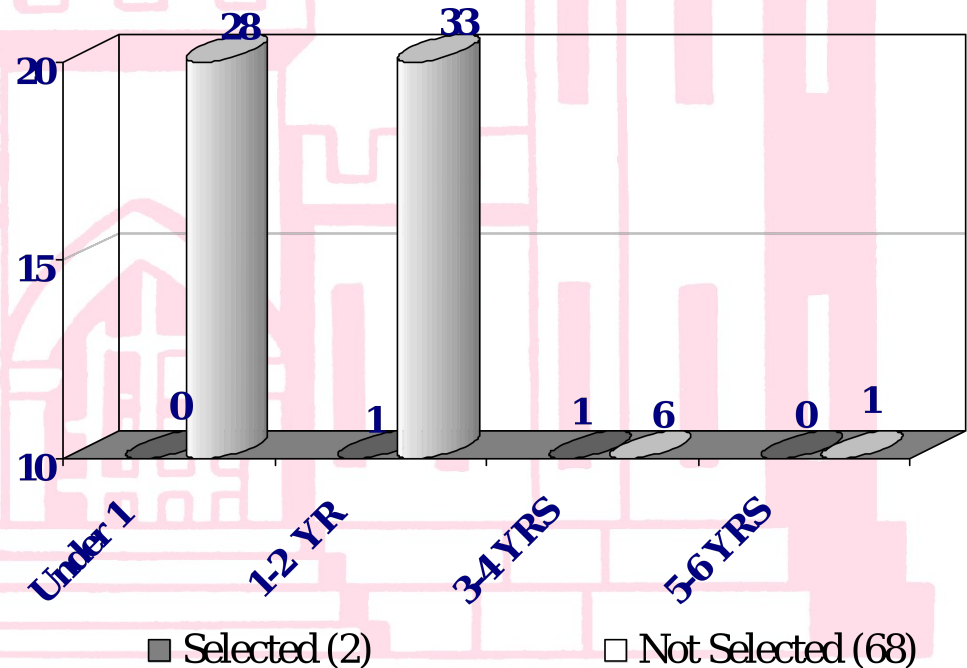


# MOS 21C BRIDGE CREWMEMBER MILITARY / CIVILIAN EDUCATION LEVEL

## MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- AIR ASSAULT
- INSTRUCTOR TRAINING COURSE
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER

## CIVILIAN EDUCATION DEMOGRAPHICS CY04



FROM CY04 SFC PROMOTION LIST



# 21C ASSIGNMENT OPPORTUNITIES

<u>LEADERSHIP AUTHS/TDA</u>	<u>TOTAL AUTHS</u>	<u>LEADERSHIP AUTHS/TOE</u>
<u>32 / 59 (54.2%)</u> <u>(40%)</u>	<u>134</u>	<u>30 / 75</u>

## KEY LEADERSHIP (24 MONTHS)

### SECTION LEADER

31

### DRILL SERGEANT

30

### NCOES SMALL GROUP LEADER

1

### TOTAL

62



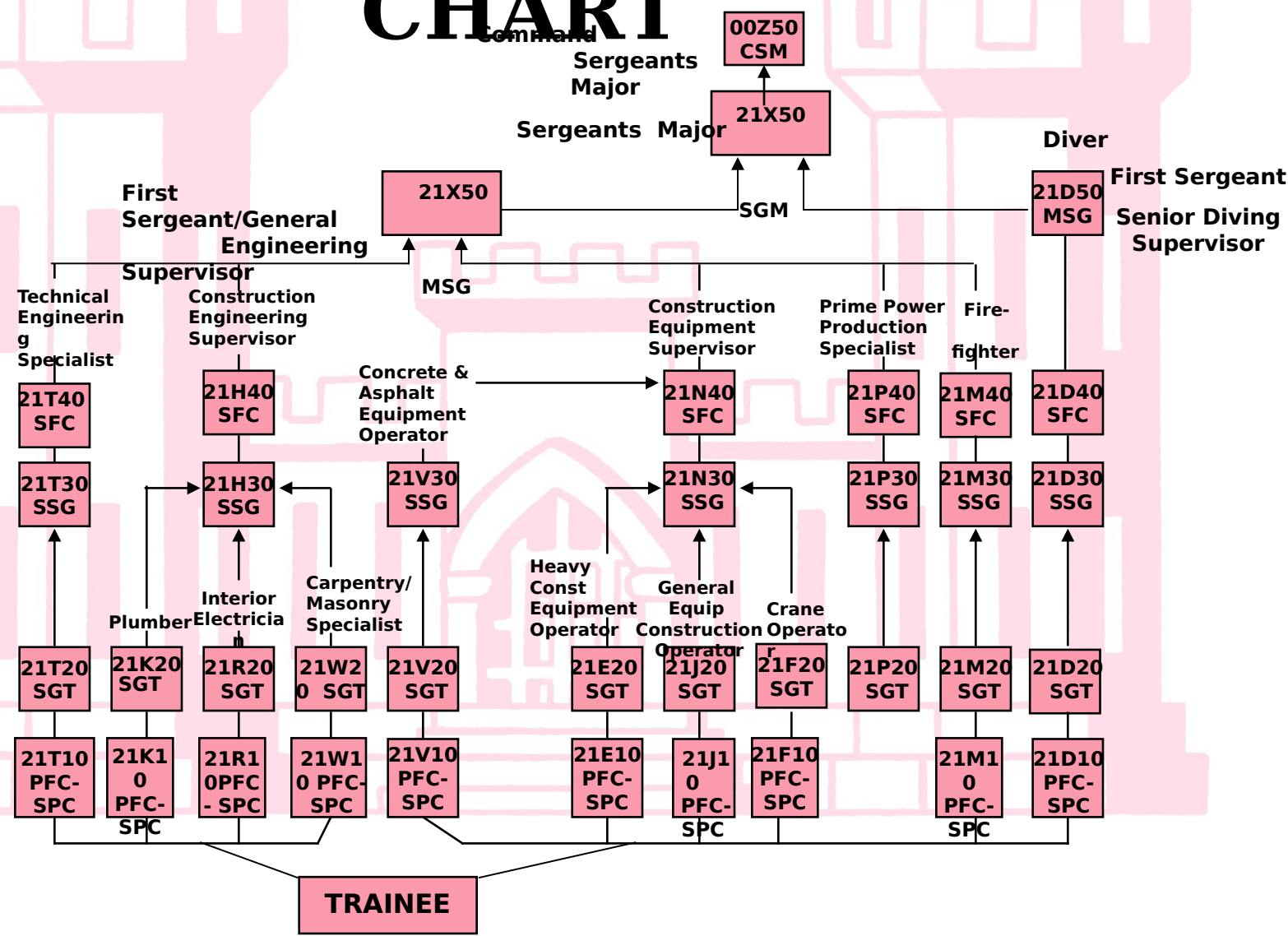


# **GENERAL ENGINEERING CHARACTERISTICS**

- **Contains 16 MOSs ranging from Vertical Construction, Horizontal Construction, Fire Fighter, Prime Power and Diver.**
- **MOSs 21H, M, N, P, and T merge at the Master Sergeant Level into 21X.**
- **21X General Engineering Supervisor and 21D Master Diving Supervisor merge into Sergeant Major.**
- **Great opportunities for key leadership positions; Squad Leader, Section Leader, Fire Chief, Diving Supervisor, Senior Power Plant Operator.**
- **Wide variety of assignments; Drill Sergeant, Observer Controller / Trainer, Small Group Leader, Instructor / Writer, BNCOC and PLDC SGL.**



# GENERAL ENGINEERING CAREER PROGRESSION CHART





# GENERAL ENGINEERING TYPICAL CAREER PATTERNS



## **LEADERSHIP**

Squad Leader  
Section Leader  
Drill Sgt  
SGL  
Diving Supervisor  
Team Chief  
Tech Eng NCO  
SR Pwr Station Mech  
Recruiter

## **STAFF**

Operations Sergeant  
Construction Insp

## **SPECIAL**

**Instructor/Writer**  
**Combat Dev/Tng Dev**



## **LEADERSHIP**

PSG  
SR Drill Sgt  
SGL  
SR Diving Supervisor  
Fire Chief  
SR Tech Eng NCO  
Prime Power Supervisor  
Observer  
Controller/Trainer

## **STAFF**

Career Management NCO  
Operations Sgt  
Construction Inspector  
Construction Opns Sgt

## **SPECIAL**

**SR Tng Management**  
**NCO**  
**Diving Liaison**  
**Combat Dev/Tng Dev**  
**Instructor/Writer**  
**AC/RC**  
**EO Advisor**



## **LEADERSHIP**

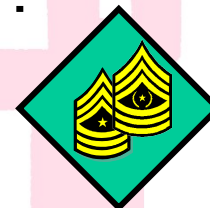
1SG  
Power Station Sgt  
Master Diver Supervisor  
SR Enlisted OC

## **STAFF**

SR Career Management  
NCO  
Operations Sgt  
Construction Inspector  
Construction Opns Sgt

## **SPECIAL**

**SR Career Advisor**  
**Chief Instr/Writer**  
**SR Enlisted Eng BN**  
**Advisor**  
**SR Tng/Dev/Writer**  
**Chief Diving Supervisor**



## **LEADERSHIP**

BN CSM  
GRP CSM  
BDE CSM  
REGT CSM

## **STAFF**

Proponency SGM  
Operations SGM

## **SPECIAL**

**Directorate**  
**SGMs (USAES)**

**Bolded are nominated**  
**positions**

**GENERAL ENGINEERING NCO CAREER DEVELOPMENT MODEL****TITLE OF CAREER MANAGEMENT FIELD: GENERAL ENGINEER**

YEARS OF SVC	7-9		10-15		16-19	20-30
RANK	STAFF SERGEANT		SERGEANT FIRST CLASS		FIRST SERGEANT MASTER SERGEANT	SERGEANT MAJOR COMMAND SERGEANT MAJOR
DUTY ASSIGNMENTS	CONST SQD LDR; RECON SGT CONST SECTION LDR; CONST OPS SGT; TECH ENGR NCO; FIRE TEAM CHIEF; SQD LEADER; FIRE INSPECTOR; SR POWER STATION MECH; SR POWER STATION ELEC; DIVING SUPERVISOR		PLATOON SERGEANT DETACHMENT SERGEANT SR CONST SUPV FIRE CHIEF SR TECH ENGR NCO PRIME POWER NCO SENIOR DIVING SUPERVISOR		FIRST SERGEANT MAINTENANCE SUPERVISOR POWER STATION SERGEANT OPERATIONS SERGEANT CONSTRUCTION INSPECTOR MASTER DIVING SUPERVISOR	SGM CSM
INSTITUTIONAL TRAINING	BNCOC		ANCOC			SMC/CSMC
RECOMMENDED	PRIOR TO BNCOC		PRIOR TO ANCOC		PRIOR TO SMC	
NCOES-RELATED COURSES	Communication Skills Personnel Supervision Behavioral Science, Math, Stress Management		Principles of Management Organizational Behavior Information Sys Mgt Technical Writing		Human Resource Management Problem Solving	Research Techniques (Statistics) Human Resource Management Problem Solving
RECOMMENDED READING LEVEL LEVEL	12	12	12	12	12+	12+
WRITING STANDARD	Achieve writing Std	Achieve writing Std	Achieve writing Std	Achieve writing Std	Achieve writing Std	Achieve writing Std
RECOMMENDED FUCTIONAL COURSES				BATTLE STAFF NCO COURSE 1SG COURSE		
RECOMMENDED CMF-RELATED COURSES AND ACTIVITIES	SKILL LEVEL 3		SKILL LEVEL 4			SKILL LEVEL 5
	Technical Opns Course in area taken as SL20; Constr Engr; General Engr; Demolition Opns; Electrical Engr; Constr Mgt; Utilities Engr; Pollution Control; Civil Engr; Well Drilling		Organizational Mgt; Computer Science; Construction Design; Construction Surveying; General Engr Construction: Computer Techniques for Bldg Tech: Structural Analysis			Courses in Engineering Tech/Mgt Leadership/Mgt Problem Solving Organizational Effectiveness Quality Control Mgt Environmental Engineering
RECOMMENDED CMF-RELATED CERTIFICATION OR DEGREE GOAL	NATIONAL TRADE/PROFESSIONAL CERTIFICATE IN:					
	Carpentry; Electrical; Plumbing,; Structural Steel; Construction Equipment Operation; Mechanical Engineering; Construction Draftsman; Well Drilling; Surveying					
	By 10-14 Year of Service				By 15-18 Year of Service	
	AA/AS in: Engineering Technology: General Studies; Fire Science; Draftsman; Surveying; Oceanographic Tech				BA/BS in: Engineering Management; Business MGT; Construction Engineering; Electrical Engineering; Civil	



# MOS 21H CONSTRUCTION ENGINEERING SUPERVISOR

## MAJOR DUTIES/ ADDITIONAL SKILL IDENTIFIERS (ASI)

**Major duties.** The Construction Engineering Supervisor supervises construction, repair and utility services of buildings, warehouses, fixed bridges, port facilities, petroleum pipelines, tanks and related equipment. Reads and interprets construction drawings. Estimates material, time, equipment, and labor requirements. Supervises the construction and repair of wood frame, concrete, masonry or prefabricated structures. Supervises the installation and repair of utility systems. Inspects structures and facilities to ensure compliance with specifications. Directs operator maintenance on assigned vehicles and equipment. Directs combat engineering missions.

ASIs

**P5** MASTER FITNESS TRAINER

- **SSG - SGM**
- OPEN TO ANY MOS

**2B** AIR ASSAULT

- **PVT-SGM**

**8P** COMPETITIVE PARACHUTISTS

- **SGT-SFC**

**2S** BATTLE STAFF OPERATIONS

- **SSG - SGM**
- OPEN TO ANY MOS

**5W** JUMPMaster

- **SGT-SGM**





# MOS 21H CONSTRUCTION ENGINEERING SUPERVISOR

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

- ◆ CONSTRUCTION SQUAD LEADER
- CONSTRUCTION SECTION LEADER

### ARMY-WIDE KEY LEADERSHIP

- OBSERVER CONTROLLER/TRAINER
- NCOES SMALL GROUP LEADER
- DRILL SERGEANT
- RECRUITER

### CAREER ENHANCEMENT

- Operations Sergeant
- Training Developer/Writer
- Construction Inspector
- Construction Operations Sergeant
- Training Systems/Evaluations NCO
- Instructor/Writer

◆ = LEADERSHIP  
POSITIONS



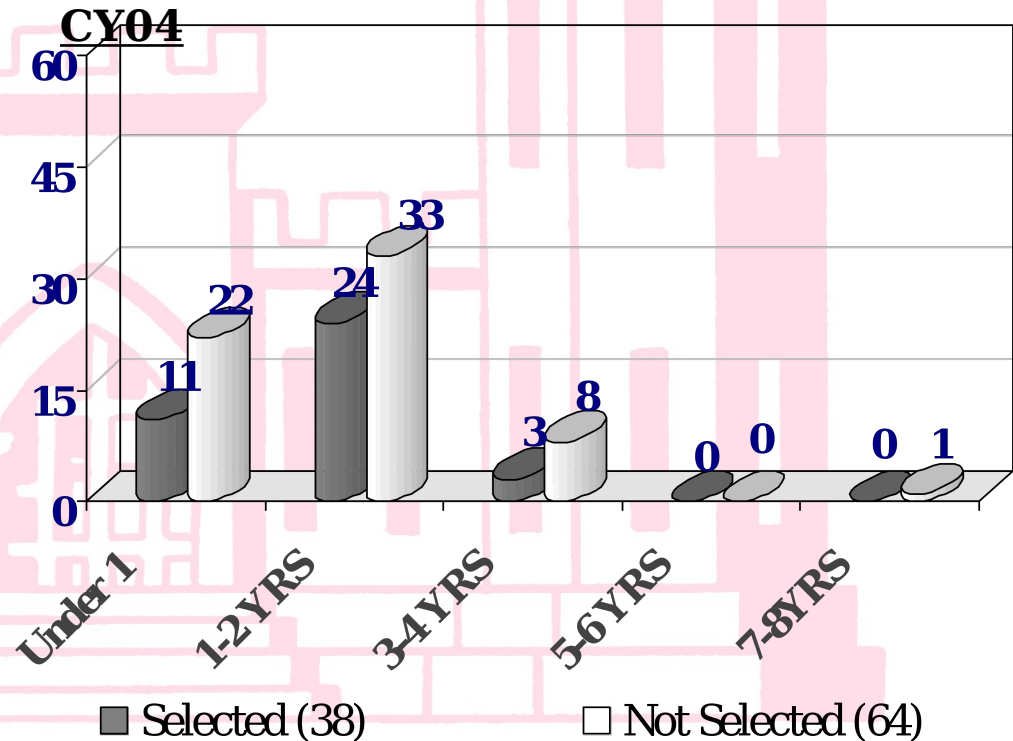


# MOS 21H CONSTRUCTION ENGINEERING SUPERVISOR MILITARY / CIVILIAN EDUCATION LEVEL

## MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- AIRBORNE
- AIR ASSAULT
- JUMPMaster
- INSTRUCTOR TRAINING COURSE
- EQUAL OPPORTUNITY
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER

## CIVILIAN EDUCATION DEMOGRAPHICS



FROM CY04 SFC PROMOTION LIST



# 21H ASSIGNMENT OPPORTUNITIES

**LEADERSHIP AUTHS/TDA**  
**AUTHS/TOE**

**TOTAL AUTHS**

**LEADERSHIP**

**6 / 168 (4%)**  
**165 (59%)**

**333**

**97 /**

**KEY LEADERSHIP (24 MONTHS)**

**SQUAD LEADER**  
**93**

**SECTION LEADER**  
**4**

**DRILL SERGEANT**

**2**

**NCOES SMALL GROUP LEADER**

**2**

**OBSERVER CONTROLLER/TRAINER**

**2**

**TOTAL**

**103**



# MOS 21V CONCRETE and ASPHALT EQUIPMENT OPERATOR

## MAJOR DUTIES/ ADDITIONAL SKILL IDENTIFIERS (ASI)

**Major duties.** The Concrete and Asphalt Equipment operator supervises or operates all equipment used in concrete and asphalt production and paving. Directs employment of concrete mobile mixer. Plans and directs layout and erection of asphalt plant. Supervises production of hot mix asphalt. Directs asphalt laydown and rolling operations. Directs combat engineering missions.

### ASIs

**P5** MASTER FITNESS TRAINER

- SSG - SGM
- OPEN TO ANY MOS

**2B** AIR ASSAULT

- PVT-SGM

**8P** COMPETITIVE PARACHUTISTS

- SGT-SFC

**2S** BATTLE STAFF OPERATIONS

- SSG - SGM
- OPEN TO ANY MOS

**5W** JUMPMASTER

- SGT-SGM



# MOS 21V CONCRETE and ASPHALT EQUIPMENT

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

♦ PAVING OPERATIONS SERGEANT

### ARMY-WIDE KEY LEADERSHIP

- RECRUITER
- DRILL SERGEANT

### CAREER ENHANCEMENT

- Training Developer/Writer
- Instructor/ Writer

□ = LEADERSHIP  
POSITIONS



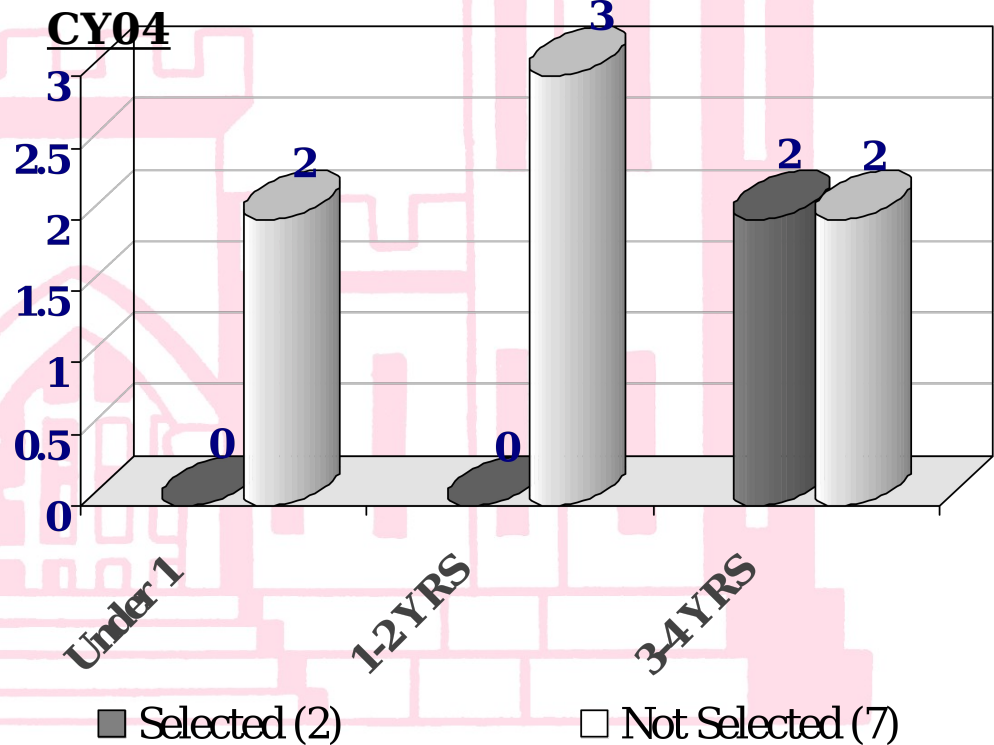
# MOS 21V CONCRETE and ASPHALT EQUIPMENT OPERATOR

## MILITARY / CIVILIAN EDUCATION LEVEL

### MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- AIRBORNE
- AIR ASSAULT
- JUMPMaster
- INSTRUCTOR TRAINING COURSE
- EQUAL OPPORTUNITY
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER

### CIVILIAN EDUCATION DEMOGRAPHICS



FROM CY04 SFC PROMOTION LIST



# 21V ASSIGNMENT OPPORTUNITIES

**LEADERSHIP AUTHS/TDA**  
**AUTHS/TOE**

**0 / 0 (0%)**

**TOTAL AUTHS**

**21**

**LEADERSHIP**

**8 / 8 (100%)**

**KEY LEADERSHIP (24 MONTHS)**

**PAVING OPERATIONS SERGEANT**

**8**

**TOTAL**

**8**





# MOS 21M FIREFIGHTER

## MAJOR DUTIES / ADDITIONAL SKILL IDENTIFIERS (ASI)

**Major duties.** The Firefighter supervises or performs firefighting, rescue, salvage and fire protection operation. Supervises rescue and firefighting operations during structural fires, aircraft crash incidents, vehicle emergencies and natural cover fires. Supervises emergency response crews during hazardous materials incidents. Conducts fire prevention operations including inspections and pre-fire planning.

### ASIs

**P5** MASTER FITNESS TRAINER

- **SSG - SGM**
- Open to any MOS

**2B** AIR ASSAULT

- **PVT-SGM**

**8P** COMPETITIVE PARACHUTISTS

- **SGT-SFC**

**2S** BATTLE STAFF OPERATIONS

- **SSG - SGM**
- Open to any MOS

**5W** JUMPMASTER

- **SGT-SGM**



# MOS 21M FIREFIGHTER

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

◆ FIRE TEAM CHIEF

### ARMY-WIDE KEY LEADERSHIP

- OBSERVER CONTROLLER/TRAINER
- DRILL SERGEANT
- NCOES SMALL GROUP LEADER
- RECRUITER

### CAREER ENHANCEMENT

- Senior Fire Inspector
- Fire Inspector
- Instructor/Writer

□ = LEADERSHIP POSITIONS



# MOS 21M FIRE FIGHTER

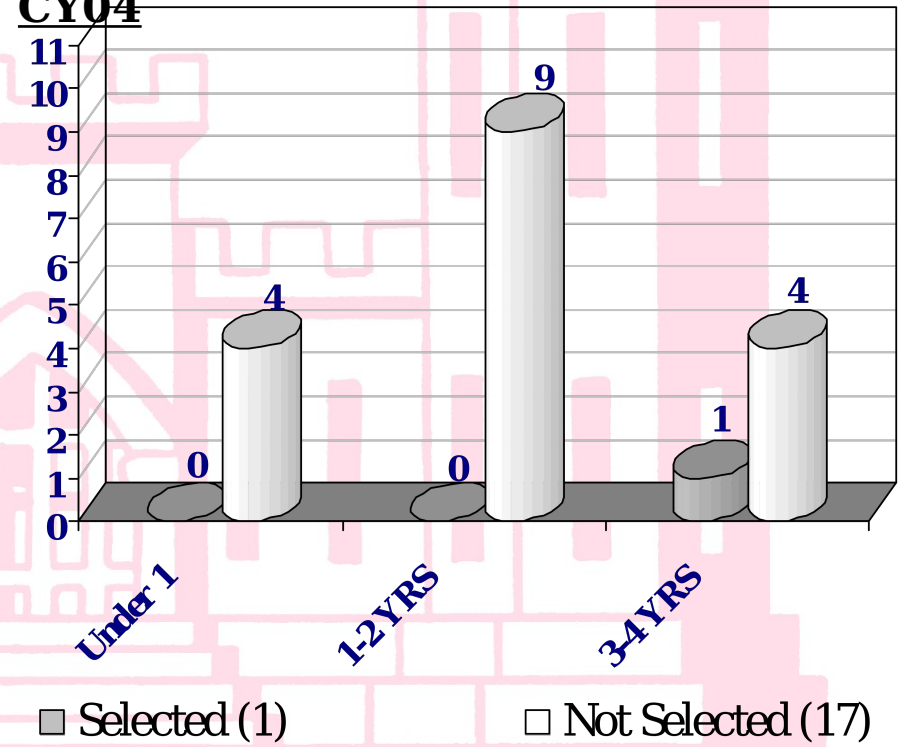
## MILITARY / CIVILIAN

### EDUCATION LEVEL

#### MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- AIRBORNE
- AIR ASSAULT
- JUMPMaster
- INSTRUCTOR TRAINING COURSE
- EQUAL OPPORTUNITY
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER
- FIRE INSPECTOR III
- ARSON INVESTIGATOR
- FIRE INSTRUCTOR I, II and III
- HAZ-MAT TRAIN THE TRAINER
- RESCUE TECHNICIAN I and II

#### CIVILIAN EDUCATION DEMOGRAPHICS CY04



FROM CY 04 SFC PROMOTION LIST



# 21M ASSIGNMENT OPPORTUNITIES

**LEADERSHIP AUTHS/TDA**  
**AUTHS/TOE**

**TOTAL AUTHS**

**LEADERSHIP**

**3 / 49 (6%)**

**61**

**11 / 12**

**(67%)**

**KEY LEADERSHIP (24 MONTHS)**

**FIRE CHIEF**

**11**

**DRILL SERGEANT**

**0**

**OBSERVER CONTROLLER/TRAINER**

**3**

**TOTAL**

**14**



# MOS 21N CONSTRUCTION EQUIPMENT SUPERVISOR

## MAJOR DUTIES / ADDITIONAL SKILL IDENTIFIERS (ASI)

*Major duties.* The Construction Equipment Supervisor supervises construction equipment, quarry, paving and plant equipment operations and crew maintenance of equipment. Supervises employment and maintenance activities related to lifting, general and heavy construction equipment in support of construction operations. Estimates equipment and operator requirements for specific jobs. Assists in supervision of unit engaged in construction equipment operation. Organizes and directs well drilling operations. Directs combat engineering missions.

### ASIs

<b>P5</b>	<u>MASTER FITNESS TRAINER</u>	<b>2S</b>	<u>BATTLE STAFF OPERATIONS</u>	<b>C3</b>	<u>WELL DRILLING</u>
	▪ SSG - SGM		▪ SSG - SGM		▪ SGT-SFC
	▪ Open to any MOS		▪ Open to any MOS		
<b>2B</b>	<u>AIR ASSAULT</u>	<b>5W</b>	<u>JUMPMaster</u>		
	▪ PVT-SGM		▪ SGT-SGM		
		<b>8P</b>	<u>COMPETITIVE PARACHUTIST</u>		
			▪ SGT-SFC		



# MOS 21N CONSTRUCTION EQUIPMENT SUPERVISOR

## Key Leadership / Career Enhancement

### Positions

#### KEY LEADERSHIP

- ❑ SECTION SERGEANT
- ❑ SQUAD LEADER
- ❑ CONSTRUCTION EQUIPMENT SUPERVISOR

#### ARMY-WIDE KEY LEADERSHIP

- ❑ NCOES SMALL GROUP LEADER
- ❑ OBSERVER CONTROLLER/TRAINER
- ❑ DRILL SERGEANT
- ❑ RECRUITER

#### CAREER ENHANCEMENT

- AC/RC
- Training Developer/Writer
- Training Management NCO
- Operations Sergeant
- Construction Inspector
- Training Systems/Evaluations N
- Instructor/Writer

❑ = LEADERSHIP POSITIONS



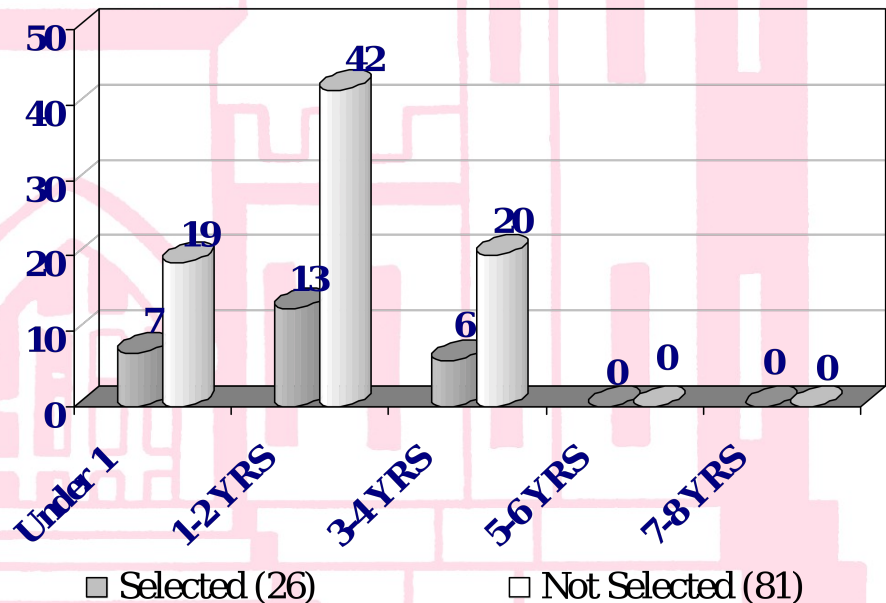


# MOS 21N CONSTRUCTION EQUIPMENT SUPERVISOR MILITARY / CIVILIAN EDUCATION LEVEL

## MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- AIRBORNE
- AIR ASSAULT
- JUMPMaster
- INSTRUCTOR TRAINING COURSE
- EQUAL OPPORTUNITY
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER

## CIVILIAN EDUCATION DEMOGRAPHICS CY04



FROM CY 04 SFC PROMOTION LIST



# 21N ASSIGNMENT OPPORTUNITIES

**LEADERSHIP AUTHS/TDA**  
**AUTHS/TOE**

**TOTAL AUTHS**

**LEADERSHIP**

**24 / 117 (21%)**  
**132 / 172 (77%)**

**289**

**KEY LEADERSHIP (24 MONTHS)**

<b>SECTION SERGEANT</b>	<b>132</b>
<b>SQUAD LEADER / CONST EQUIP SUPV</b>	<b>6</b>
<b>DRILL SERGEANT</b>	<b>8</b>
<b>NCOES SMALL GROUP LEADER</b>	<b>2</b>
<b>OBSERVER CONTROLLER/TRAINER</b>	<b>8</b>
<b>TOTAL</b>	<b>156</b>



# MOS 21P PRIME POWER PRODUCTION SPECIALIST

## MAJOR DUTIES / ADDITIONAL SKILL IDENTIFIERS

**Major duties.** (ASD) The Prime Power Specialist performs electrical assessments; facilities maintenance; QA/QC operations: supervises, operates, installs and performs DS/GS level maintenance on electrical power plants, consisting of prime power generator sets of 500 KW and higher; and associated auxiliary systems and equipment. Other duties include LNO and technical advisor to FEMA and other federal organizations. Supervises the installation, operation or maintenance of prime power plants and associated systems, equipment and Soldiers. Directs preparation of power plant equipment for movement, storage and installation. Serves as technical inspector to determine faulty operation/maintenance practices. Determines and isolates complex malfunctions, utilizing diagnostic tests, and troubleshooting techniques. Supervises electrical assessments of electrical distribution systems and facilities. Assists in QA/QC operations for electrical projects, equipment and contract personnel. Determines repair/overhaul required, cost effectiveness and method of accomplishment. (ASD) for power plant equipment and associated systems.

<b>P5</b>	<u>MASTER FITNESS TRAINER</u> <ul style="list-style-type: none"><li>▪ <b>SSG - SGM</b></li><li>▪ Open to any MOS</li></ul>	<b>E5</b>	<u>INSTRUMENT MAINT</u> <ul style="list-style-type: none"><li>▪ <b>SGT - SFC</b></li></ul>	<b>U4</b>	<u>POWER LINE DIST.</u> <ul style="list-style-type: none"><li>▪ <b>SGT - SFC</b></li></ul>
<b>2S</b>	<u>BATTLE STAFF OPERATIONS</u> <ul style="list-style-type: none"><li>▪ <b>SSG - SGM</b></li><li>▪ Open to any MOS</li></ul>	<b>S2</b>	<u>MECH EQUIP MAINT</u> <ul style="list-style-type: none"><li>▪ <b>SGT - SFC</b></li></ul>	<b>5W</b>	<u>JUMPMaster</u> <ul style="list-style-type: none"><li>▪ <b>SGT-SGM</b></li></ul>
		<b>2B</b>	<u>AIR ASSAULT</u> <ul style="list-style-type: none"><li>▪ <b>PVT-SGM</b></li></ul>	<b>S3</b>	<u>ELEC EQUIP MAINT</u> <ul style="list-style-type: none"><li>▪ <b>SGT - SFC</b></li></ul>



# **MOS 21P PRIME POWER PRODUCTION SPECIALIST : SPECIAL CONSIDERATION FOR SELECTION**

- **NCOs serving as staff advisors to: Coalition Task Forces, Combined Joint Task Forces, or Corps of Engineer Regional Districts.**
- **SR Power Plant Operator time should count the same as Squad Leader time for key leadership as a Staff Sergeant.**
- **Prime Power Supervisor time should count the same as Platoon Sergeant time for key leadership as a Sergeant First Class.**



# MOS 21P PRIME POWER PRODUCTION SPECIALIST

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

♦ SR PRIME POWER OPERATOR

### ARMY-WIDE KEY LEADERSHIP

- DRILL SERGEANT
- OBSERVER CONTROLLER/TRAINER
- NCOES SMALL GROUP LEADER
- RECRUITER

### CAREER ENHANCEMENT

- Training Developer/Writer
- Operations Sergeant
- Assistant Operations Sergeant
- Instructor/Writer

□ = LEADERSHIP  
POSITIONS



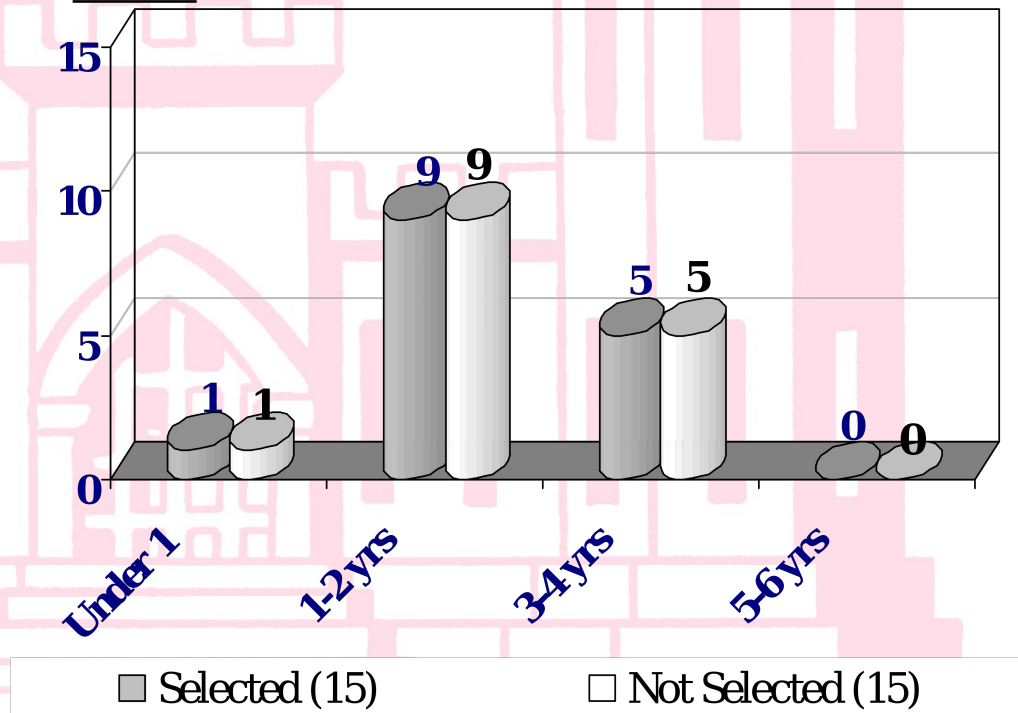


# **MOS 21P PRIME POWER PRODUCTION SPECIALIST MILITARY / CIVILIAN EDUCATION LEVEL**

## **MILITARY EDUCATION**

- **SAPPER LEADER COURSE**
- **BATTLE STAFF COURSE**
- **AIRBORNE**
- **AIR ASSAULT**
- **JUMPMaster**
- **INSTRUCTOR TRAINING COURSE**
- **EQUAL OPPORTUNITY**
- **MASTER FITNESS TRAINER**
- **DRILL SERGEANT**
- **RECRUITER**

## **CIVILIAN EDUCATION DEMOGRAPHICS CY04**



**FROM CY 04 SFC PROMOTION LIST**



# 21P ASSIGNMENT OPPORTUNITIES

<u>LEADERSHIP AUTHS/TDA AUTHS/TOE</u>	<u>TOTAL AUTHS</u>	<u>LEADERSHIP</u>
<u>0 / 19 (0%)</u>	<u>82</u>	<u>36 /</u>
<u>63 (58%)</u>		

## KEY LEADERSHIP (24 MONTHS)

**SR POWER PLANT OPERATOR**

**36**

**TOTAL**

**36**



# MOS 21T TECHNICAL ENGINEER

## MAJOR DUTIES / ADDITIONAL SKILL IDENTIFIERS (ASI)

**Major duties.** The Technical Engineer supervises or participates in construction site development to include technical investigation, surveying, drafting of construction plans and specifications and performing quality control inspections. Supervises technical engineering activities relating to construction surveying, drafting, and testing of construction materials. Compiles technical information and supervises subordinate personnel.

### ASIs

**P5** MASTER FITNESS TRAINER

- **SSG - SGM**
- Open to any MOS

**2B** AIR ASSAULT

- **PVT-SGM**

**8P** COMPETITIVE PARACHUTIST

- **SGT-SFC**

**2S** BATTLE STAFF OPERATIONS

- **SSG - SGM**
- Open to any MOS

**5W** JUMPMASTER

- **SGT-SGM**



# **MOS 21T TECHNICAL ENGINEER**

## **Key Leadership / Career Enhancement Positions**

### **KEY LEADERSHIP**

◆ **TECHNICAL ENGINEERING NCO**

### **ARMY-WIDE KEY LEADERSHIP**

- **DRILL SERGEANT**
- **NCOES SMALL GROUP LEADER**
- **RECRUITER**

### **CAREER ENHANCEMENT**

- **Training Developer/Writer**
- **Training Management NCO**
- **Reconnaissance Sergeant**
- **Instructor/Writer**

◆ = **LEADERSHIP  
POSITIONS**



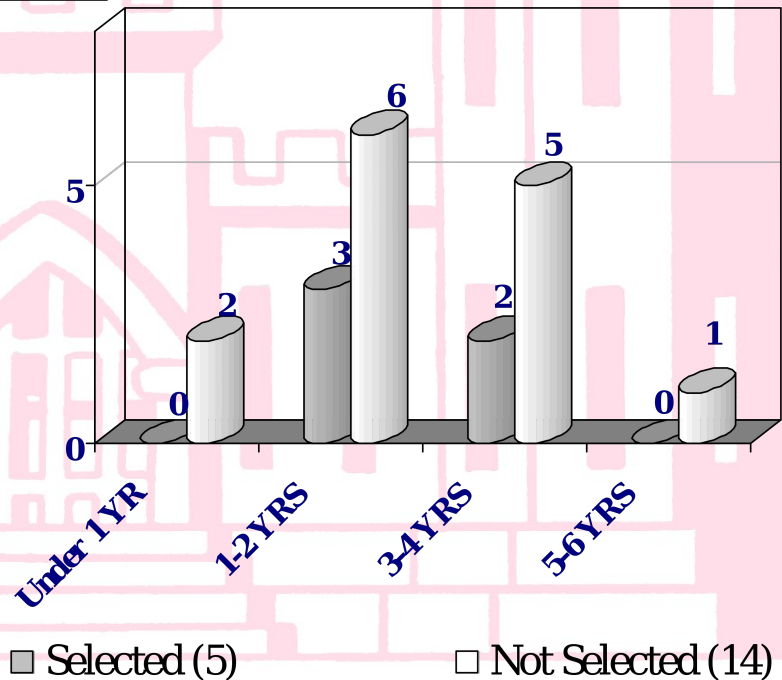
# MOS 21T TECHNICAL ENGINEER

## MILITARY / CIVILIAN EDUCATION LEVEL

### MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- AIRBORNE
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER
- INSTRUCTOR TRAINING COURSE
- EQUAL OPPORTUNITY

### CIVILIAN EDUCATION DEMOGRAPHICS CY04



FROM CY 04 SFC PROMOTION LIST



# 21T ASSIGNMENT OPPORTUNITIES

**LEADERSHIP AUTHS/TDA  
AUTHS /TOE**

**TOTAL AUTHS**

**LEADERSHIP**

**5 / 25 (20%)**

**37**

**5 /**

**12 (42%)**

**KEY LEADERSHIP (24 MONTHS)**

**TECHNICAL ENGINEER NCO  
5**

**NCOES SMALL GROUP LEADER 1**

**DRILL SERGEANT 4**

**TOTAL 10**





# MOS 21D DIVING SUPERVISOR

## MAJOR DUTIES /ADDITIONAL SKILL IDENTIFIERS

**Major duties (ASI).** The Diver supervises or performs underwater reconnaissance, demolition, repair and salvage. Supervises operator through intermediate levels of maintenance on diving life support equipment. Performs as senior diver and supervises diving operations. Directs preparation and operation of diving equipment and watercraft support platforms. Supervises calculation, training, and use of explosives. Supervises use of underwater hydraulic and electric power equipment and other special underwater tools. Supervises recompression chamber and life support equipment during diving and emergency operations.

### ASIs

**P5** MASTER FITNESS TRAINER

- SSG - SGM
- Open to any MOS

**2B** AIR ASSAULT

- PVT-SGM

**8P** COMPETITIVE PARACHUTIST

- SGT-SFC

**2S** BATTLE STAFF OPERATIONS

- SSG - SGM
- Open to any MOS

**5W** JUMPMaster

- SGT-SGM



# **MOS 21D DIVING SUPERVISOR: SPECIAL CONSIDERATION FOR SELECTION**

- **Command Qualified Diving Supervisor**
- **Sapper Leader Course Graduate**
- **Supervises high-risk diving operations such as Port/Harbor Clearance, Underwater Demolitions, and Mine/Countermine Operations.**
- **Supervises emergency medical treatment of clinical and diving related injuries.**
- **Diving Supervisor time should count the same as Squad Leader time for key leadership as a Staff Sergeant.**



# MOS 21D DIVING SUPERVISOR

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

✦ **DIVING SUPERVISOR**

-

### ARMY-WIDE KEY LEADERSHIP

□ **DRILL SERGEANT**

□ **RECRUITER**

### CAREER ENHANCEMENT

- **Instructor/Writer**
- **Operations Sergeant**

□ = **LEADERSHIP  
POSITIONS**

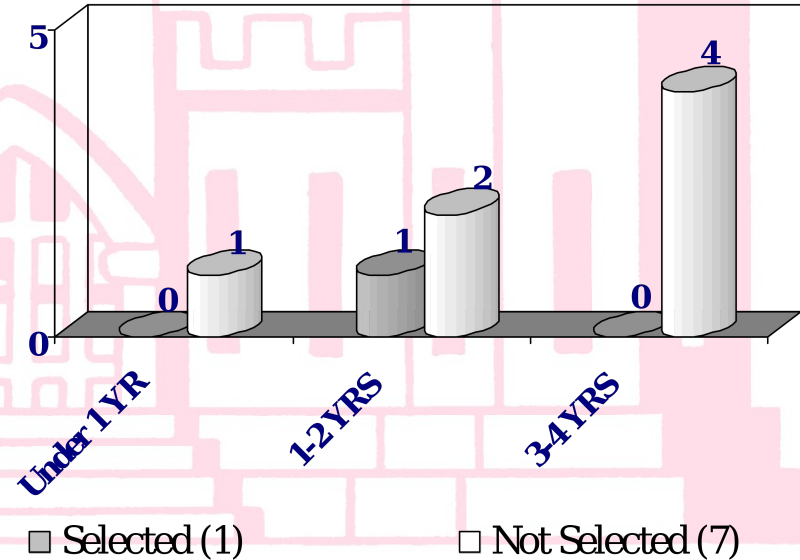


# MOS 21D SENIOR DIVING SUPERVISOR MILITARY / CIVILIAN EDUCATION LEVEL

## MILITARY EDUCATION

- SAPPER LEADER COURSE
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER
- INSTRUCTOR TRAINING COURSE
- EQUAL OPPORTUNITY

## CIVILIAN EDUCATION DEMOGRAPHICS CY04



FROM CY 04 SFC PROMOTION LIST



# 21D ASSIGNMENT OPPORTUNITIES

**LEADERSHIP AUTHS/TDA  
AUTHS/TOE**

**1 / 17 (5.8%)**

**TOTAL AUTHS**

**51**

**LEADERSHIP**

**6 / 34 (17.6%)**

**KEY LEADERSHIP (12 MONTHS)**

**DIVING SUPERVISOR**

**6**

**DRILL SERGEANT**

**1**

**TOTALS**

**7**



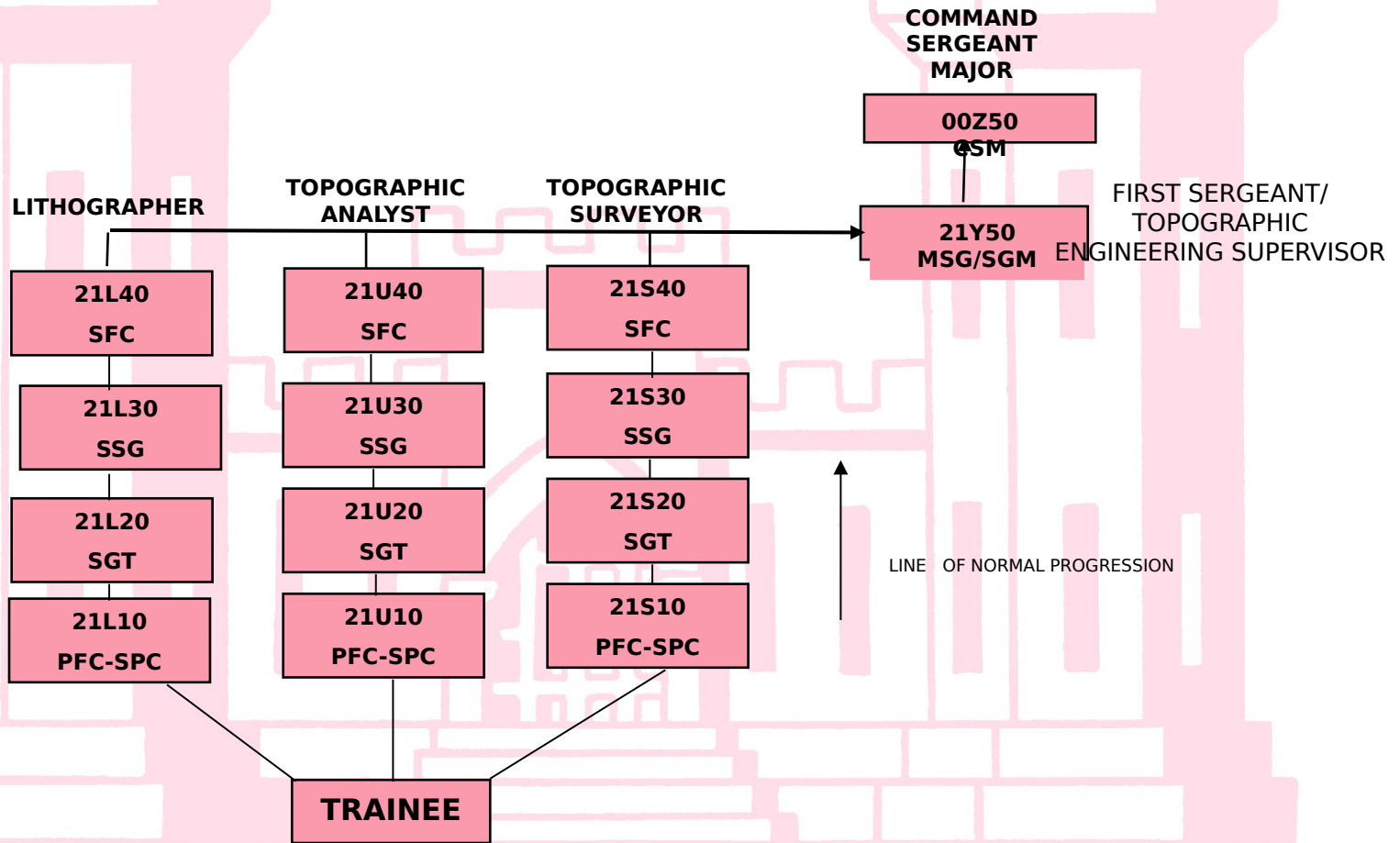
# **TOPOGRAPHIC ENGINEERING CHARACTERISTICS**

- **Contains 4 MOSs - 21L Lithographer, 21U Topographic Analyst, 21S Topographic Surveyor, and 21Y Senior Topographic Supervisor.**
- **MOSs 21L, 21U, and 21S merge at the Master Sergeant level into MOS 21Y.**
- **Opportunities for key leadership positions; Squad Leader, Section Leader, Platoon Sergeant, and First Sergeant.**
- **Wide variety of assignments; Drill Sergeant, Small Group Leader, Instructor/Writer, Psychological Dissemination Company, Corps, Echelons above Corps Topographic Engineer Company, and Division Terrain Analysis Detachments.**
- **Approximately 900 soldiers.**





# TOPOGRAPHIC ENGINEERING CAREER PROGRESSION CHART





# TOPOGRAPHIC ENGINEERING TYPICAL CAREER PATTERNS



## LEADERSHIP

Squad Leader  
Section Leader  
Drill Sgt  
SGL  
Recruiter

## SPECIAL

Instructor/Writer  
Combat Dev/Tng  
Dev



## LEADERSHIP

PSG  
Sect Ldr  
SR Drill Sgt  
Detachment Sgt

## STAFF

Operations Sgt

## SPECIAL

Career Advisor  
Instructor/Writer



## LEADERSHIP

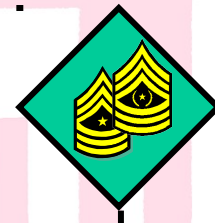
1SG

## STAFF

Operations Sgt  
Topographic  
Intelligence

## SPECIAL

SR Career  
Management  
SR Combat Dev



## LEADERSHIP

BN CSM  
GRP CSM  
BDE CSM  
**REGT CSM**

## STAFF


Opns SGM

## SPECIAL

**School SGM**

**Bolded are nominated  
positions**

**TOPOGRAPHIC ENGINEERING NCO CAREER DEVELOPMENT MODEL**
**TITLE OF CAREER MANAGEMENT FIELD: TOPOGRAPHIC ENGINEER**

YEARS OF SVC	7-9		10-15		16-19	20-30
 RANK	STAFF SERGEANT		SERGEANT FIRST CLASS		FIRST SERGEANT MASTER SERGEANT	SERGEANT MAJOR COMMAND SERGEANT MAJOR
DUTY ASSIGNMENTS	SQUAD LEADER SECTION LEADER INTELLIGENCE SERGEANT OPERATIONS SERGEANT SENIOR TOPOGRAPHIC ANALYST DRILL SERGEANT		PLATOON SERGEANT DETACHMENT SERGEANT LITHOGRAPH OPERATIONS SERGEANT SENIOR TOPOGRAPHIC SERGEANT SENIOR TOPOGRAPHIC SURVEY SERGEANT		FIRST SERGEANT TOPOGRAPHIC INTELLIGENCE SERGEANT TOPOGRAPHIC OPERATIONS SERGEANT	SGM CSM
INSTITUTIONAL TRAINING	BNCOC		ANCOC			SMC/CSMC
RECOMMENDED	PRIOR TO BNCOC		PRIOR TO ANCOC		PRIOR TO SMC	
NCOES-RELATED COURSES	Communication Skills Information Mgt System Speech		Principles of Management Organizational Behavior Technical Writing Behavioral Science Technical Math (21S)		Research Techniques (Statistics) Human Resource Management	
RECOMMENDED READING LEVEL	12	12	12	12	12+	12+
WRITING STANDARD	Achieve writing Std*	Achieve writing Std	Achieve writing Std	Achieve writing Std	Achieve writing Std	Achieve writing Std
RECOMMENDED FUNCTIONAL COURSES				<b>BATTLE STAFF NCO COURSE 1SG COURSE</b>		
RECOMMENDED CMF- RELATED COURSES AND ACTIVITIES	SKILL LEVEL 3		SKILL LEVEL 4			SKILL LEVEL 5
	Principles of Management Organizational Behavior Technical Writing Behavioral Science Technical Math (21S)		Research Techniques (Statistics) Human Resource Management			Research Techniques (Statistics) Human Resource Management
RECOMMENDED CMF- RELATED CERTIFICATION OR DEGREE GOAL	NATIONAL TRADE/PROFESSIONAL CERTIFICATE IN:					
	Surveying; Photolithography; Printing; Cartography; Environmental Analysis					
	By 10-14 Years of Service				By 15-18 Years of Service	
	AA/AS in: Engineering Technology; General Studies				BA/BS in: Computer Science; Physical Science or related field; Management	



# MOS 21L LITHOGRAPHER

## MAJOR DUTIES /ADDITIONAL SKILL IDENTIFIERS

(ASI)

**Major duties.** Supervises and performs all printing and binding, digital image editing, layout, and plate making activities. Directs and prepares transportable/mobile and modular print system sections for operations movement. Directs lithography section for operations. Directs preventive maintenance on lithography equipment.

### ASIs

<b>P5</b> <u>MASTER FITNESS TRAINER</u> <ul style="list-style-type: none"><li>▪ <b>SSG - SGM</b></li><li>▪ Open to any MOS</li></ul>	<b>2S</b> <u>BATTLE STAFF OPERATIONS</u> <ul style="list-style-type: none"><li>▪ <b>SSG - SGM</b></li><li>▪ Open to any MOS</li></ul>	<b>2B</b> <u>AIR ASSAULT</u> <ul style="list-style-type: none"><li>▪ <b>PVT-SGM</b></li></ul>
<b>5W</b> <u>JUMPMaster</u> <ul style="list-style-type: none"><li>▪ <b>SGT-SGM</b></li></ul>	<b>8P</b> <u>COMPETITIVE PARACHUTIST</u> <ul style="list-style-type: none"><li>▪ <b>SGT-SFC</b></li></ul>	
	<b>J6</b> <u>REPRODUCTION EQUIPMENT REPAIR</u> <ul style="list-style-type: none"><li>▪ <b>SGT - SFC</b></li></ul>	



# MOS 21L LITHOGRAPHER

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

- ◆ SQUAD LEADER
- ◆ SECTION LEADER

### ARMY-WIDE KEY LEADERSHIP

- ◆ OBSERVER CONTROLLER/TRAINER
- DRILL SERGEANT
- NCOES SMALL GROUP LEADER
- RECRUITER

### CAREER ENHANCEMENT

- Instructor/Writer

◆ = LEADERSHIP  
POSITIONS

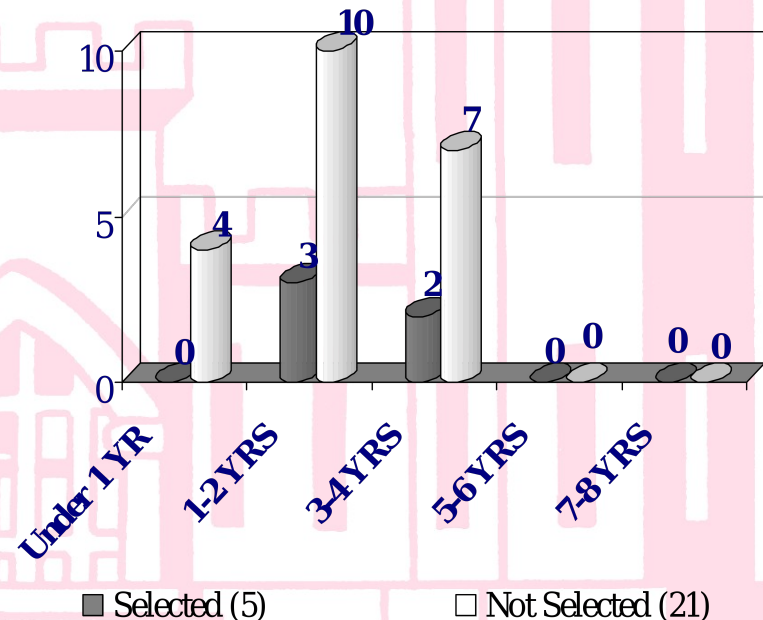


# MOS 21L LITHOGRAPHER MILITARY / CIVILIAN EDUCATION LEVEL

## MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER
- INSTRUCTOR TRAINING COURSE
- EQUAL OPPORTUNITY

## CIVILIAN EDUCATION DEMOGRAPHICS CY04



FROM CY 04 SFC PROMOTION LIST





# 21L ASSIGNMENT OPPORTUNITIES

LEADERSHIP AUTHS/TDA  
AUTHS/TOE

TOTAL AUTHS

LEADERSHIP

5 / 17 (29%)  
/ 22 (100%)

40

22

## KEY LEADERSHIP (24 MONTHS)

**SQUAD LEADER** 10

**SECTION LEADER** 12

**DRILL SERGEANT** 2

**TOTALS** 24



# MOS 21U TOPOGRAPHIC ANALYST

## MAJOR DUTIES /ADDITIONAL SKILL IDENTIFIERS (ASI)

**Major duties.** Performs duties of preceding skill level, supervises and provides technical guidance to lower grade soldiers in the accomplishment of their duties. Supervises topographic analysts at division, Corps and EAC topographic units to include maintenance of assigned equipment. Evaluates source materials for military geographic information analysis. Supervises quality assurance during all stages of topographic operations. Ensures required administrative, intelligence, source data, and reference files are maintained. Advises command and staff officers on all aspects of topographic operations and doctrine.

### ASIs

<b>P5</b>	<u>MASTER FITNESS TRAINER</u>	<b>2S</b>	<u>BATTLE STAFF OPERATIONS</u>
	▪ <b>SSG - SGM</b>		▪ <b>SSG - SGM</b>
	▪ Open to any MOS		▪ Open to any MOS
<b>2B</b>	<u>AIR ASSAULT</u>		<u>JUMPMASTE</u>
	▪ <b>PVT-SGM</b>	<b>5W</b>	<u>R</u>
			▪ <b>SGT-SGM</b>



# MOS 21U TOPOGRAPHIC ANALYST

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

- ◆ SQUAD LEADER
- SECTION LEADER

### ARMY-WIDE KEY LEADERSHIP

- OBSERVER  
CONTROLLER/TRAINER
- DRILL SERGEANT
- NCOES SMALL GROUP LEADER
- RECRUITER

### CAREER ENHANCEMENT

- Senior Topographic Analyst
- Instructor/Writer
- Training Developer/Writer

□ = LEADERSHIP POSITIONS

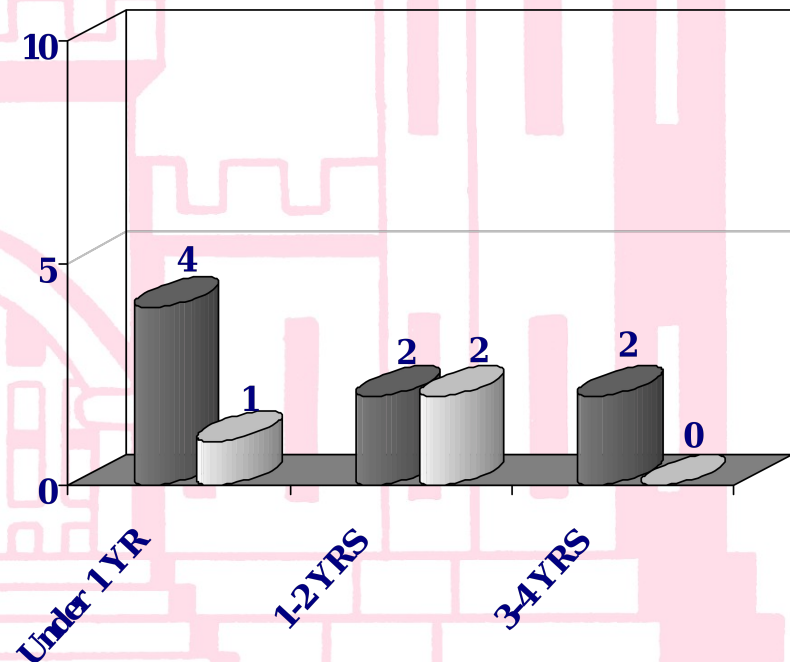


# MOS 21U TOPOGRAPHIC ANALYST MILITARY / CIVILIAN EDUCATION LEVEL

## MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER
- INSTRUCTOR TRAINING COURSE
- EQUAL OPPORTUNITY

## CIVILIAN EDUCATION DEMOGRAPHICS CY04



■ Selected (8)

□ Not Selected (3)

FROM CY 04 SFC PROMOTION LIST



# 21U ASSIGNMENT OPPORTUNITIES

LEADERSHIP AUTHS/TDA  
AUTHS/TOE

TOTAL AUTHS

LEADERSHIP

15 / 34 (44%)  
24 / 32 (75%)

66

KEY LEADERSHIP (24 MONTHS)

**SQUAD LEADER / SECTION LEADER**

**24**

**DRILL SERGEANT**

**15**

**TOTAL**

**39**



# MOS 21S TOPOGRAPHIC SURVEYOR

## MAJOR DUTIES /ADDITIONAL SKILL IDENTIFIERS

(ASI)

**Major duties.** Supervises and directs topographic surveys. Prepares project progress reports and conducts project briefings. Recommends method of computation, adjustment and need for additional data. Evaluates and verifies results of all computations. Directs the transportation, set up, operation, and maintenance of equipment according to written oral or visual instructions. Performs survey reconnaissance to include picture point selections, main and secondary survey station placement and evaluation of field data and the results obtained. Plans and analyzes the collection of traverse, triangulation, leveling, and satellite data and isolates computational or field blunders. Supervises Computerized Aided Drafting (CAD) survey drafting.

### ASIs

<b>P5</b>	<u>MASTER FITNESS TRAINER</u>	<b>2S</b>	<u>BATTLE STAFF OPERATIONS</u>
	▪SSG - SGM		▪SSG - SGM
	▪Open to any MOS		▪Open to any MOS
<b>2B</b>	<u>AIR ASSAULT</u>	<b>5W</b>	<u>JUMPMaster</u>
	▪ PVT-SGM		▪ SGT-SGM





# MOS 21S TOPOGRAPHIC SURVEYOR

## Key Leadership / Career Enhancement Positions

### KEY LEADERSHIP

- SQUAD LEADER
- SECTION LEADER

### ARMY-WIDE KEY LEADERSHIP

- OBSERVER CONTROLLER/TRAINER
- DRILL SERGEANT
- NCOES SMALL GROUP LEADER
- RECRUITER

### CAREER ENHANCEMENT

- Instructor/Writer
- Training Developer/Writer

□ = LEADERSHIP  
POSITIONS

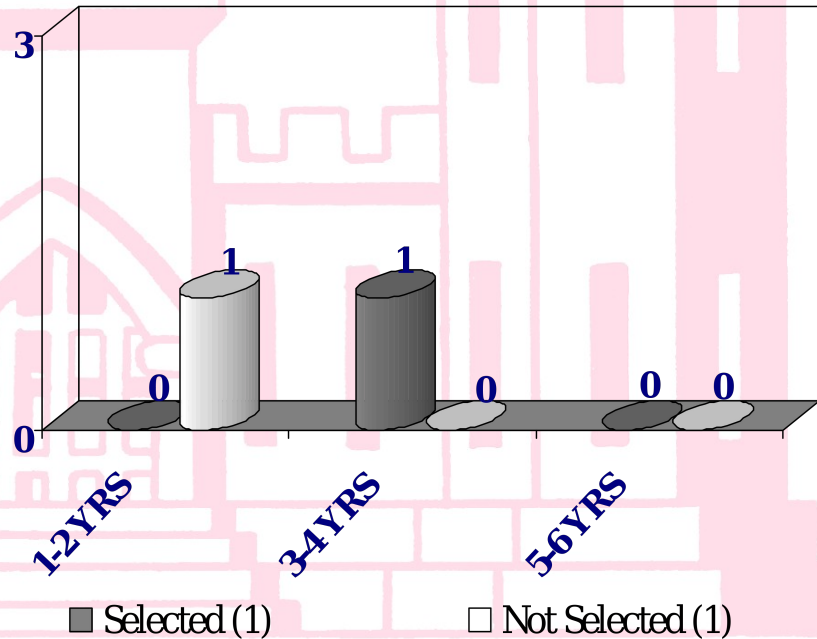


# MOS 21S TOPOGRAPHIC SURVEYOR MILITARY / CIVILIAN EDUCATION LEVEL

## MILITARY EDUCATION

- SAPPER LEADER COURSE
- BATTLE STAFF COURSE
- MASTER FITNESS TRAINER
- DRILL SERGEANT
- RECRUITER
- INSTRUCTOR TRAINING  
COURSE
- EQUAL OPPORTUNITY

## CIVILIAN EDUCATION DEMOGRAPHICS CY 04



FROM CY 04 SFC PROMOTION LIST



# 21S ASSIGNMENT OPPORTUNITIES

**LEADERSHIP AUTHS/TDA  
AUTHS/TOE**

**0 / 8 (0%)  
(100%)**

**TOTALS AUTHS**

**18**

**LEADERSHIP**

**10 / 10**

**KEY LEADERSHIP (24 MONTHS)**

**SQUAD LEADER / SECTION LEADER      10**

**TOTALS      10**



# ENGINEER REGIMENT AWARDS

**The Sturgis Medal** Named in honor of LTG Samuel D. Sturgis, a former Chief of Engineers, the medal is awarded annually to an enlisted engineer Soldier in recognition of outstanding contributions to military engineering by demonstrated technical and leadership ability.

(1) Emphasis is placed strictly on contributions to military engineering, which include troop or contract construction, maintenance, facilities engineering, combat engineering training, management and supervision of engineer activities, and other engineer support.

(2) The competition for this highly coveted award involves all engineer Soldiers from CMF 21. All Major Commands participate annually in this engineer event, but only the very finest Engineer Regiment Soldiers are selected for this prestigious award.

**The de Fleury Medal** Named in honor of Francois Louis Tesseidre de Fleury, a former French Engineer Officer who was appointed a Captain of Engineers by the Continental Congress is awarded at three levels, bronze, silver, and gold. The bronze and silver medals are awarded to individuals who have rendered significant service or support to an element of or the entire Engineer Regiment respectively. The gold medal is awarded to only one individual annually who exemplifies boldness, courage and commitment to a strong national defense.

**Army Combat Engineer Sergeant Award (ACES) (MOS 21B & 21C)** This award is given annually to the best Combat Engineer Squad Leader in each battalion.



# CMF 21 ENGINEER PROMOTION POTENTIAL INDICATORS

THE FOLLOWING ARE CONSIDERED AS BEING THE BEST QUALIFIED FOR  
SELECTION FOR SERGEANT FIRST CLASS:

- **ASSIGNMENTS MUST BE:**

- DIVERSE (MUST HAVE LEADERSHIP, STAFF, AND SPECIAL POSITIONS)
- KEY LEADERSHIP (24 MONTHS)
- SUCCESSFUL (CONSISTENTLY DEMONSTRATED STRONG PERFORMANCE)
- BACK TO BACK TDA ASSIGNMENTS ARE DISCOURAGED  
(EXCEPT DRILL SERGEANT AND TDA LEADERSHIP ASSIGNMENTS)

- **MUST NOT DEVIATE FROM ARMY STANDARDS OF:**

- LOYALTY, DUTY, RESPECT, SELFLESS-SERVICE, HONOR, INTEGRITY & PERSONAL COURAGE
- PHYSICAL & MENTAL READINESS

- **TECHNICALLY AND TACTICALLY PROFICIENT**

- DEMONSTRATED SUCCESSFUL PERFORMANCE IN ALL ASSIGNED POSITIONS

- **DEMONSTRATED INITIATIVE-SELF DEVELOPMENT**

- DA/LOCAL SCHOOLS (HONOR GRADUATE/EXCEEDED COURSE STANDARDS)
- CORRESPONDENCE COURSES (ACCP)
- CIVILIAN EDUCATION
- OTHER ACHIEVEMENTS (I.E. LEADERSHIP AWARDEES)

- **RATER/SENIOR RATER EVALUATION**

- PERFORMANCE TRENDS (SUCCESS TO EXCELLENCE)
- LISTED INCREASED POTENTIAL (PROMOTION, SCHOOLING, ASSIGNMENTS)



# PROPONENT POC

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